

Rainer Rupprecht

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10216485/publications.pdf>

Version: 2024-02-01

90
papers

5,709
citations

126907

33
h-index

79698

73
g-index

91
all docs

91
docs citations

91
times ranked

7216
citing authors

#	ARTICLE	IF	CITATIONS
1	Translocator protein (18 kDa) (TSPO) as a therapeutic target for neurological and psychiatric disorders. <i>Nature Reviews Drug Discovery</i> , 2010, 9, 971-988.	46.4	774
2	World Federation of Societies of Biological Psychiatry (WFSBP) Guidelines for the Pharmacological Treatment of Anxiety, Obsessive-Compulsive and Post-Traumatic Stress Disorders – First Revision. <i>World Journal of Biological Psychiatry</i> , 2008, 9, 248-312.	2.6	661
3	Neuroactive steroids: mechanisms of action and neuropsychopharmacological perspectives. <i>Trends in Neurosciences</i> , 1999, 22, 410-416.	8.6	605
4	Effects of Antidepressant Treatment on Neuroactive Steroids in Major Depression. <i>American Journal of Psychiatry</i> , 1998, 155, 910-913.	7.2	432
5	Translocator Protein (18 kD) as Target for Anxiolytics Without Benzodiazepine-Like Side Effects. <i>Science</i> , 2009, 325, 490-493.	12.6	299
6	A Genomewide Association Study Points to Multiple Loci That Predict Antidepressant Drug Treatment Outcome in Depression. <i>Archives of General Psychiatry</i> , 2009, 66, 966.	12.3	284
7	The role of allopregnanolone in depression and anxiety. <i>Progress in Neurobiology</i> , 2014, 113, 79-87.	5.7	227
8	Translocator protein (18 kDa) (TSPO) is expressed in reactive retinal microglia and modulates microglial inflammation and phagocytosis. <i>Journal of Neuroinflammation</i> , 2014, 11, 3.	7.2	177
9	Induced Panic Attacks Shift γ -Aminobutyric Acid Type A Receptor Modulatory Neuroactive Steroid Composition in Patients With Panic Disorder. <i>Archives of General Psychiatry</i> , 2003, 60, 161.	12.3	131
10	The Role of Chemokines in the Pathophysiology of Major Depressive Disorder. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2283.	4.1	94
11	A view behind the mask of sanity: meta-analysis of aberrant brain activity in psychopaths. <i>Molecular Psychiatry</i> , 2019, 24, 463-470.	7.9	76
12	Feasibility, Safety and Efficacy of Transcutaneous Vagus Nerve Stimulation in Chronic Tinnitus: An Open Pilot Study. <i>Brain Stimulation</i> , 2014, 7, 740-747.	1.6	75
13	Am I and My Bacterial Circumstances: Linking Gut Microbiome, Neurodevelopment, and Depression. <i>Frontiers in Psychiatry</i> , 2017, 8, 153.	2.6	61
14	Assessment of neuroleptic-like properties of progesterone. <i>Psychopharmacology</i> , 1999, 143, 29-38.	3.1	60
15	Vigabatrin Decreases Cholecystinin-Tetrapeptide (CCK-4) Induced Panic in Healthy Volunteers. <i>Neuropsychopharmacology</i> , 2001, 25, 699-703.	5.4	59
16	Neurobiology of depression: A neurodevelopmental approach. <i>World Journal of Biological Psychiatry</i> , 2018, 19, 349-359.	2.6	59
17	Daytime sleepiness versus fatigue in patients with multiple sclerosis: A systematic review on the Epworth sleepiness scale as an assessment tool. <i>Sleep Medicine Reviews</i> , 2017, 32, 95-108.	8.5	58
18	Differential effects of TSPO ligands on mitochondrial function in mouse microglia cells. <i>Psychoneuroendocrinology</i> , 2019, 106, 65-76.	2.7	57

#	ARTICLE	IF	CITATIONS
19	The rTPJ's overarching cognitive function in networks for attention and theory of mind. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 157-168.	3.0	56
20	Fluoxetine Requires the Endfeet Protein Aquaporin-4 to Enhance Plasticity of Astrocyte Processes. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 8.	3.7	55
21	TSPO imaging using the novel PET ligand [18F]GE-180: quantification approaches in patients with multiple sclerosis. <i>EJNMMI Research</i> , 2017, 7, 89.	2.5	55
22	Microglial Pro-Inflammatory and Anti-Inflammatory Phenotypes Are Modulated by Translocator Protein Activation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4467.	4.1	54
23	The neural basis of sex differences in sexual behavior: A quantitative meta-analysis. <i>Frontiers in Neuroendocrinology</i> , 2016, 43, 28-43.	5.2	53
24	The ACDC Pilot Trial: Targeting the Anterior Cingulate by Double Cone Coil rTMS for the Treatment of Depression. <i>Brain Stimulation</i> , 2015, 8, 240-246.	1.6	51
25	Translocator protein (18 kDa) (TSPO) as a therapeutic target for anxiety and neurologic disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 107-112.	3.2	49
26	The Influence of Subchronic Administration of the Neurosteroid Allopregnanolone on Sleep in the Rat. <i>Neuropsychopharmacology</i> , 2001, 25, 576-584.	5.4	46
27	The influence of Hatha yoga as an add-on treatment in major depression on hypothalamic-pituitary-adrenal-axis activity: A randomized trial. <i>Journal of Psychiatric Research</i> , 2014, 53, 76-83.	3.1	45
28	CRISPR-Cas9 Mediated TSPO Gene Knockout alters Respiration and Cellular Metabolism in Human Primary Microglia Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3359.	4.1	45
29	Prefrontal transcranial direct current stimulation (tDCS) as treatment for major depression: study design and methodology of a multicenter triple blind randomized placebo controlled trial (DepressionDC). <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 751-766.	3.2	44
30	Classical Risk Factors and Inflammatory Biomarkers: One of the Missing Biological Links between Cardiovascular Disease and Major Depressive Disorder. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1740.	4.1	40
31	A neural circuit encoding sexual preference in humans. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 530-536.	6.1	37
32	In Vivo Assessment of Neuroinflammation in Repeat Tauopathies. <i>Movement Disorders</i> , 2021, 36, 883-894.	3.9	37
33	Impact on cortisol and antidepressant efficacy of quetiapine and escitalopram in depression. <i>Psychoneuroendocrinology</i> , 2014, 39, 141-151.	2.7	35
34	Combined rTMS treatment targeting the Anterior Cingulate and the Temporal Cortex for the Treatment of Chronic Tinnitus. <i>Scientific Reports</i> , 2016, 5, 18028.	3.3	35
35	The agonistic TSPO ligand XBD173 attenuates the glial response thereby protecting inner retinal neurons in a murine model of retinal ischemia. <i>Journal of Neuroinflammation</i> , 2019, 16, 43.	7.2	35
36	Triple-site rTMS for the treatment of chronic tinnitus: a randomized controlled trial. <i>Scientific Reports</i> , 2016, 6, 22302.	3.3	34

#	ARTICLE	IF	CITATIONS
37	Individualized Repetitive Transcranial Magnetic Stimulation Treatment in Chronic Tinnitus?. <i>Frontiers in Neurology</i> , 2017, 8, 126.	2.4	30
38	Long-term diazepam treatment enhances microglial spine engulfment and impairs cognitive performance via the mitochondrial 18kDa translocator protein (TSPO). <i>Nature Neuroscience</i> , 2022, 25, 317-329.	14.8	29
39	Major Depressive Disorder is Associated with Impaired Mitochondrial Function in Skin Fibroblasts. <i>Cells</i> , 2020, 9, 884.	4.1	28
40	Effects of Fluoxetine, Indomethacine and Placebo on $3\pm, 5\pm$ Tetrahydroprogesterone (THP) Plasma Levels in Uncomplicated Alcohol Withdrawal. <i>World Journal of Biological Psychiatry</i> , 2000, 1, 101-104.	2.6	26
41	GABA _A receptors as targets for novel anxiolytic drugs. <i>World Journal of Biological Psychiatry</i> , 2006, 7, 231-237.	2.6	26
42	Meta-analysis of brain structural changes after electroconvulsive therapy in depression. <i>Brain Stimulation</i> , 2021, 14, 927-937.	1.6	25
43	The cytokine IL-17A as a marker of treatment resistance in major depressive disorder?. <i>European Journal of Neuroscience</i> , 2021, 53, 172-182.	2.6	24
44	Severe chronic insomnia is not associated with higher body mass index. <i>Journal of Sleep Research</i> , 2015, 24, 514-517.	3.2	23
45	A direct comparison of neuronavigated and non-neuronavigated intermittent theta burst stimulation in the treatment of depression. <i>Brain Stimulation</i> , 2021, 14, 335-343.	1.6	23
46	Cognitive behavioral treatment for insomnia is equally effective in insomnia patients with objective short and normal sleep duration. <i>Sleep Medicine</i> , 2020, 66, 271-275.	1.6	22
47	Translocator protein (18kDa) TSPO: a new diagnostic or therapeutic target for stress-related disorders?. <i>Molecular Psychiatry</i> , 2022, 27, 2918-2926.	7.9	21
48	Brain stimulation-induced neuroplasticity underlying therapeutic response in phantom sounds. <i>Human Brain Mapping</i> , 2018, 39, 554-562.	3.6	19
49	Effects of genetic variants in the TSPO gene on protein structure and stability. <i>PLoS ONE</i> , 2018, 13, e0195627.	2.5	19
50	Detection of Cerebrospinal Fluid Dissemination of Recurrent Glioblastoma Using TSPO-PET With 18F-GE-180. <i>Clinical Nuclear Medicine</i> , 2018, 43, 518-519.	1.3	18
51	Structural Brain Changes Following Left Temporal Low-Frequency rTMS in Patients with Subjective Tinnitus. <i>Neural Plasticity</i> , 2014, 2014, 1-10.	2.2	17
52	Antipsychotic treatment with quetiapine increases the cortical silent period. <i>Schizophrenia Research</i> , 2014, 156, 128-132.	2.0	17
53	The effect of partial sleep deprivation on computer-based measures of fitness to drive. <i>Sleep and Breathing</i> , 2016, 20, 285-292.	1.7	17
54	Macrophage-Derived Chemokine: A Putative Marker of Pharmacological Therapy Response in Major Depression?. <i>NeuroImmunoModulation</i> , 2017, 24, 106-112.	1.8	17

#	ARTICLE	IF	CITATIONS
55	Imbalance in subregional connectivity of the right temporoparietal junction in major depression. <i>Human Brain Mapping</i> , 2016, 37, 2931-2942.	3.6	16
56	Daily high-frequency transcranial random noise stimulation of bilateral temporal cortex in chronic tinnitus – a pilot study. <i>Scientific Reports</i> , 2019, 9, 12274.	3.3	16
57	GDF15 promotes simultaneous astrocyte remodeling and tight junction strengthening at the blood–brain barrier. <i>Journal of Neuroscience Research</i> , 2020, 98, 1433-1456.	2.9	16
58	Effects of escitalopram/quetiapine combination therapy versus escitalopram monotherapy on hypothalamic–pituitary–adrenal-axis activity in relation to antidepressant effectiveness. <i>Journal of Psychiatric Research</i> , 2014, 52, 15-20.	3.1	15
59	False Belief Reasoning in Adults with and without Autistic Spectrum Disorder: Similarities and Differences. <i>Frontiers in Psychology</i> , 2018, 9, 183.	2.1	15
60	Association of Chemokine (C-C Motif) Receptor 5 and Ligand 5 with Recovery from Major Depressive Disorder and Related Neurocognitive Impairment. <i>NeuroImmunoModulation</i> , 2020, 27, 152-162.	1.8	13
61	C1q, a small molecule with high impact on brain development: putative role for aging processes and the occurrence of Alzheimer’s disease. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 809-812.	3.2	13
62	Combined Treatment with Corticosteroids and Moclobemide Favors Normalization of Hypothalamo-Pituitary-Adrenal Axis Dysregulation in Relapsing-Remitting Multiple Sclerosis: A Randomized, Double Blind Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1610-1615.	3.6	13
63	Pharmacological Characterisation of Cortical \hat{I}^3 -Aminobutyric Acid Type A (GABA _A) Receptors in Two Wistar Rat Lines Selectively Bred for High and Low Anxiety-Related Behaviour. <i>World Journal of Biological Psychiatry</i> , 2000, 1, 137-143.	2.6	12
64	Relating experimentally-induced fear to pre-existing phobic fear in the human brain. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 164-172.	3.0	12
65	The neural representation of an individualized relational affective space. <i>Neuropsychologia</i> , 2018, 120, 35-42.	1.6	12
66	SARS-CoV-2 Risk Management in Clinical Psychiatry: A Few Considerations on How to Deal With an Unrivaled Threat. <i>Frontiers in Psychiatry</i> , 2020, 11, 550.	2.6	12
67	Differential Spatial Distribution of TSPO or Amino Acid PET Signal and MRI Contrast Enhancement in Gliomas. <i>Cancers</i> , 2022, 14, 53.	3.7	12
68	Desipramine targets astrocytes to attenuate synaptic plasticity via modulation of the ephrinA3/EphA4 signalling. <i>Neuropharmacology</i> , 2016, 105, 154-163.	4.1	11
69	Impact of TSPO Receptor Polymorphism on [18F]GE-180 Binding in Healthy Brain and Pseudo-Reference Regions of Neurooncological and Neurodegenerative Disorders. <i>Life</i> , 2021, 11, 484.	2.4	11
70	Reliable quantification of 18F-GE-180 PET neuroinflammation studies using an individually scaled population-based input function or late tissue-to-blood ratio. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2887-2900.	6.4	10
71	Amygdalohippocampal neuroplastic changes following neuroleptic treatment with quetiapine in first-episode schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 833-843.	2.1	9
72	Sexual motivation is reflected by stimulus-dependent motor cortex excitability. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1061-1065.	3.0	9

#	ARTICLE	IF	CITATIONS
73	Bifrontal high-frequency transcranial random noise stimulation is not effective as an add-on treatment in depression. <i>Journal of Psychiatric Research</i> , 2021, 132, 116-122.	3.1	9
74	Neuroinflammation and psychiatric disorders: Relevance of C1q, translocator protein (18 kDa) (TSPO), and neurosteroids. <i>World Journal of Biological Psychiatry</i> , 2022, 23, 257-263.	2.6	9
75	A Pilot Study of Peripheral Muscle Magnetic Stimulation as Add-on Treatment to Repetitive Transcranial Magnetic Stimulation in Chronic Tinnitus. <i>Frontiers in Neuroscience</i> , 2018, 12, 68.	2.8	8
76	Sleep Endocrine Effects of Megestrol Acetate in Healthy Men. <i>Journal of Neuroendocrinology</i> , 1998, 10, 719-727.	2.6	7
77	Attenuation of HPA Axis Hyperactivity and Simultaneous Clinical Deterioration in a Depressed Patient treated with Mirtazapine. <i>World Journal of Biological Psychiatry</i> , 2001, 2, 103-105.	2.6	7
78	Linking Personality Traits to Individual Differences in Affective Spaces. <i>Frontiers in Psychology</i> , 2020, 11, 448.	2.1	7
79	New perspectives in neurosteroid action: open questions for future research. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 268.	3.7	5
80	TSPO PET With 18F-GE-180 to Differentiate Variants of Multiple Sclerosis. <i>Clinical Nuclear Medicine</i> , 2020, 45, e447-e448.	1.3	5
81	Dissociation of endocrine responses to the Trier Social Stress Test in Virtual Reality (VR-TSST) by the benzodiazepine alprazolam and the translocator protein 18 kDa (TSPO) ligand etifoxine. <i>Psychoneuroendocrinology</i> , 2021, 124, 105100.	2.7	5
82	Computer-Assisted Avatar-Based Treatment for Dysfunctional Beliefs in Depressive Inpatients: A Pilot Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 608997.	2.6	5
83	An fMRI study on the comparison of different types of false belief reasoning: False belief-based emotion and behavior attribution. <i>Social Neuroscience</i> , 2017, 12, 1-13.	1.3	4
84	Supracategorical fear information revealed by aversively conditioning multiple categories. <i>Cognitive Neuroscience</i> , 2021, 12, 28-39.	1.4	4
85	Extracellular Signal-Regulated Kinases: A Role for Mood Disorders and the Emotional Component of Pain?. <i>Biological Psychiatry</i> , 2017, 81, 639-641.	1.3	3
86	Copeptin in CCK-4-induced panic in healthy man: Sexual dimorphisms in secretion pattern and panic response, but no correlation of copeptin with panic symptoms. <i>Psychoneuroendocrinology</i> , 2019, 110, 104433.	2.7	2
87	Reduced microglia activity in patients with long-term immunosuppressive therapy after liver transplantation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, , 1.	6.4	2
88	Dual PET Imaging of an H3K27M-Mutant Glioma With 18F-GE-180 and 18F-FET PET. <i>Clinical Nuclear Medicine</i> , 2020, 45, 992-993.	1.3	2
89	Impact of Partial Volume Correction on [18F]GE-180 PET Quantification in Subcortical Brain Regions of Patients with Corticobasal Syndrome. <i>Brain Sciences</i> , 2022, 12, 204.	2.3	2
90	Psychopharmacology- is there still room for progress in these days?. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 239-240.	2.6	0